

# DEPARTMENT OF TRANSPORTATION

## STATE OF GEORGIA

### OFFICE OF DESIGN POLICY & SUPPORT INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I.# 0007386  
CSNHS-0007-00(386)  
Lowndes County  
GDOT District 4 - Tifton  
I-75 @ CR 274/Lake Park - Bellville  
Road - Phase II

OFFICE Design Policy & Support

DATE 4/5/2017

FROM *Brent Story* for Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT APPROVED LOCATION & DESIGN REPORT

Attached is the approved Location and Design Report with Notice of Location & Design Approval for the above subject project.

Attachment

#### DISTRIBUTION:

Hiral Patel, Director of Engineering  
Joe Carpenter, Director of P3  
Albert Shelby, Director of Program Delivery  
Darryl VanMeter, Assistant Director of P3/State Innovative Delivery Administrator  
Bobby Hilliard, Program Control Administrator  
Cindy VanDyke, State Transportation Planning Administrator  
Eric Duff, State Environmental Administrator  
Bill DuVall, State Bridge Engineer  
Andrew Heath, State Traffic Engineer  
Angela Robinson, Financial Management Administrator  
Lisa Myers, State Project Review Engineer  
Richard Cobb, Location Bureau Chief  
Chad Hartley, District Engineer  
Brent Thomas, District Preconstruction Engineer  
Dennis Carter, District Planning & Programming Engineer  
Paul Kaspereen, Area Engineer - D4, A1  
Cleopatra James, Project Manager  
BOARD MEMBER - 8th Congressional District

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## LOCATION AND DESIGN REPORT

**FILE** PI No. 0007386  
CSNHS-0007-00(386), Lowndes County  
CR 274 / Bellville Road @ I-75  
Interchange Reconstruction

**OFFICE** Program Delivery

**DATE** January 27, 2017

**FROM** Albert V. Shelby, III, State Program Delivery Administrator

**TO** Brent Story, P.E., State Design Policy Engineer  
Attn: Dave Peters, P.E.

**SUBJECT** Request for Location and Design Approval

Kaystal Stovall-Dixon

**Description and Project Proposal:** The proposed project consists of the CR 274/Bellville Road @ I-75 interchange reconstruction located at Exit 2 on I-75. It involves the replacement of the existing bridge over I-75 and relocation of the ramp termini while maintaining the rural diamond interchange. The typical section of CR 274/Bellville Road is a rural section with a 12-foot through lane in each direction, a variable width flushed or raised median, and a paved outside shoulder. The proposed bridge would consist of one 12-foot through lane and one 12-foot left-turn lane in each direction and 8-foot rural shoulders on both sides. The proposed bridge would be offset 24 feet to the south of the existing location to accommodate staging of construction. The bridge will be lengthened to 270 feet to accommodate future widening of I-75. The center of the bridge roughly divides the project limits in half, such that approximately 0.30 mile of the project is west of the bridge and 0.30 mile is east of the bridge. The project would extend these distances on both sides of the bridge along CR 274/Bellville Road due to the minimum spacing distance requirements for limited access roads and the required geometric tie-ins. The vertical alignment of the proposed bridge will be improved to match the 45 miles per hour speed of CR 274/Bellville Road. Turn lane storage will be provided at the ramp intersections. Channelized right turn lanes are proposed for traffic turning onto the interstate entrance ramps. Additional limit of access will be required along CR 274/Bellville Road to comply with current DOT policy. The proposed I-75 southbound entrance and exit ramps would tie into CR 274/Bellville Road approximately 180 feet west of the existing intersection. The proposed I-75 northbound entrance and exit ramps would tie into CR 274/Bellville Road approximately 140 feet east of the existing intersection.

**Concept Approval Date:** November 18, 2010

**Concept Update:** The limits of the project have extended further west and east of the original locations by approximately 250 feet and 350 feet, respectively, to allow for staging of the existing traffic. The bridge was revised from three lanes to four lanes wide with an 8-foot instead of 10-foot paved outside shoulder. The proposed signals failed to meet warrant requirements and were removed from the plans.

**Environmental Document:** The Categorical Exclusion (CE) document is anticipated to be submitted to FHWA on February 10, 2017, with an Environmental Document approval anticipated in April 2017.

Document Type: Categorical Exclusion

Approval Date:

3/28/17 EKD

**Public Involvement:** Two Public Information Open House (PIOH) meetings were held for the subject project. The first PIOH took place on Tuesday, July 10, 2007 from 5:00pm to 7:00pm with a total of thirty-six (36) people including five (5) officials in attendance. Ten (10) comment forms and one (1) verbal statement were received from those attending. Three (3) additional comment forms were received during the ten-day comment period following the meeting for a total of fourteen (14) comments. There were zero (0) opposed, ten (10) in support, and four (4) uncommitted/conditional.

Citizens agree that improvements are needed at the CR 274 / Bellville Road @ I-75 interchange. Several comments were concerned with accelerating the project to improve current operational problems. There were also a number of comments concerned with adding landscaping to the project to make the first exit in Georgia a gateway. Additional comments suggested the bridge as shown in the PIOH display should be four lanes instead of three based on future traffic needs. This last concern was incorporated.

The second PIOH took place on Thursday, August 25, 2016 from 4:00pm to 6:00pm with a total of forty-three (43) people including six (6) officials in attendance. Three (3) comment forms and no verbal statements were received from those attending. No additional comment forms were received during the ten-day comment period following the meeting, keeping the total at three (3) comments. There were zero (0) opposed, three (3) in support, and zero (0) uncommitted/conditional.

The citizens still agree that improvements are needed at the CR 274 / Bellville Road @ I-75 interchange. The major concerns involved safety and economics. One comment focused on the current condition being a safety hazard. The second comment was in regard to the impact of the project on access to businesses.

**Consistency with Approved Planning:** The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

**Recommendations:** Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.

CONCUR: Hierl Phil  
GDOT Director of Engineering

APPROVE: Margaret B. Pines 2-16-17  
GDOT Chief Engineer Date

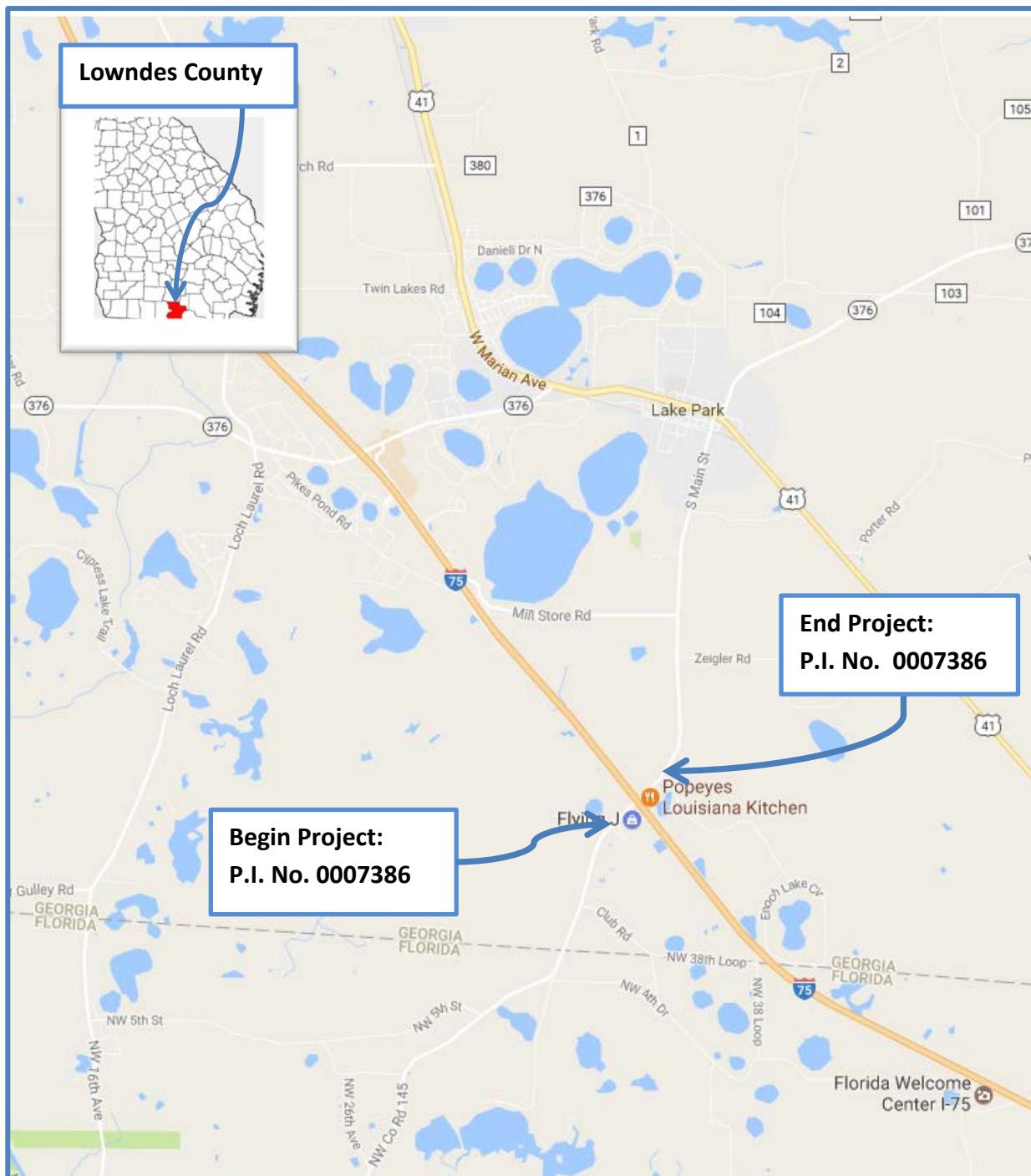
DATE OF LOCATION AND DESIGN APPROVAL:

April 5, 2017

Attachments:

- Project Location Map
- Notice of Location and Design Approval
- Construction Cost Estimate
- Typical sections

## Project Location Map



# **NOTICE OF LOCATION AND DESIGN APPROVAL**

## **CSNHS-0007-00(386), LOWNDES COUNTY**

### **P. I. NO. 0007386**

Notice is hereby given in compliance with Georgia Code 22-2-109 and 32-3-5 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location and design approval is: April 5, 2017

The CR 274 / Bellville Road at I-75 Interchange Reconstruction project is located at Exit 2 within Lowndes County. The project lies in the 8<sup>th</sup> Congressional District, Land District 16, and on Land Lots 152, 153, and 171. The total project length is 0.60 mile.

The proposed project begins west of I-75 on CR 274 at the Lake Park Truck Center and terminates east of I-75 at Speedco. The project involves the replacement of the existing bridge over I-75 and relocation of the ramps while maintaining the rural diamond interchange. The proposed bridge will be lengthened to accommodate future widening of I-75 and offset 24 feet to the south of the existing location to accommodate staging of construction. It will be four lanes wide consisting of one 12-foot through lane and one 12-foot left-turn lane in each direction and 8-foot rural shoulders on both sides. The typical section of CR 274/Bellville Road is a rural section with a 12-foot through lane in each direction, a variable width flushed or raised median, and a paved outside shoulder. The vertical alignment of the proposed bridge will be improved to match the 45 miles per hour speed of CR 274/Bellville Road. Turn lane storage will be provided at the ramp intersections. Channelized right turn lanes are proposed for traffic turning onto the interstate on-ramps. Additional limit of access will be required along CR 274/Bellville Road to comply with current DOT policy.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Paul Kaspereen  
[PKaspereen@dot.ga.gov](mailto:PKaspereen@dot.ga.gov)  
Area 1 Engineer  
1411 Madison Hwy  
Valdosta, GA 31601  
(229) 333-5287

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Albert V. Shelby, III  
Office of Program Delivery  
Attn: Cleopatra James  
[CJames@dot.ga.gov](mailto:CJames@dot.ga.gov)  
One Georgia Center, 25<sup>th</sup> Floor  
600 West Peachtree Street, NW  
Atlanta, GA 30308  
(404) 631-1758

Any written request or communication in reference to this project or notice SHOULD include the Project and P. I. Numbers as noted at the top of this notice.

## STATE HIGHWAY AGENCY

DATE : 01/19/2017  
 PAGE : 1

## JOB ESTIMATE REPORT

JOB NUMBER : 0007386                    SPEC YEAR: 13  
 DESCRIPTION: LOWNDES COUNTY SITE 1

## ITEMS FOR JOB 0007386

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000		LS	TRAFFIC CONTROL - CSNHS-0007-00(386)	1.000	1500000.00	1500000.00
0008	150-5010		EA	TRAF CTRL, PORTABLE IMPACT ATTN	10.000	8085.89	80858.90
0009	153-1300		EA	FIELD ENGINEERS OFFICE TP 3	1.000	104979.03	104979.03
0010	201-1500		LS	CLEARING & GRUBBING - CSNHS-0007-00(386)	1.000	2500000.00	2500000.00
0014	207-0203		CY	FOUND BKFILL MATL, TP II	290.000	66.32	19232.80
0015	208-0100		CY	IN PLACE EMBANKMENT	135000.000	5.00	675000.00
0020	310-1101		TN	GR AGGR BASE CRS, INCL MATL	42400.000	23.01	975624.00
0024	318-3000		TN	AGGR SURF CRS	240.000	38.68	9283.20
0030	402-3121		TN	RECYL AC 25MM SP,GP1/2,BM&HL	5800.000	72.95	423110.00
0035	402-3130		TN	RECYL AC 12.5MM SP,GP2,BM&HL	4300.000	85.91	369413.00
0040	402-3190		TN	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	6400.000	76.01	486464.00
0045	413-0750		GL	TACK COAT	5900.000	3.12	18452.78
0050	430-0220		SY	PLN PC CONC PVMT/CL1C/ 12 TK	22100.000	50.00	1105000.00
0055	433-1000		SY	REINF CONC APPROACH SLAB	450.000	193.49	87070.50
0056	441-0301		EA	CONC SPILLWAY, TP 1	4.000	2043.48	8173.92
0057	441-0748		SY	CONC MEDIAN, 6 IN	890.000	45.53	40521.70
0058	441-5002		LF	CONC HEADER CURB, 6, TP 2	1200.000	13.69	16428.00
0059	441-6222		LF	CONC CURB & GUTTER/ 8X30TP2	780.000	23.74	18522.24
0060	441-6740		LF	CONC CURB & GUTTER/ 8X30 TP7	1500.000	22.65	33988.82
0061	446-1100		LF	PVMT REF FAB STRIPS, TP2,18 INCH WIDTH	9100.000	3.86	35149.75
0062	456-2012		GLM	INTENT. RUMB. STRIPS - GRND-IN-PL (CONT)	1.000	1189.89	1189.89
0063	500-3101		CY	CLASS A CONCRETE	100.000	793.58	79358.39
0064	500-3200		CY	CL B CONC	1.000	637.30	637.30
0065	500-3800		CY	CL A CONC, INCL REINF STEEL	20.000	1111.52	22230.59
0066	511-1000		LB	BAR REINF STEEL	8000.000	1.12	8960.64
0067	550-1180		LF	STM DR PIPE 18,H 1-10	930.000	46.05	42831.10
0068	550-1240		LF	STM DR PIPE 24,H 1-10	320.000	50.17	16055.06
0073	550-1300		LF	STM DR PIPE 30,H 1-10	700.000	55.03	38527.42
0078	550-1360		LF	STM DR PIPE 36,H 1-10	400.000	71.97	28789.18
0083	550-1480		LF	STM DR PIPE 48,H 1-10	100.000	125.11	12511.82
0088	550-2180		LF	SIDE DR PIPE 18,H 1-10	170.000	37.82	6429.76
0092	550-3518		EA	SAFETY END SECTION 18,STD,6:1	1.000	618.00	618.01
0093	550-3618		EA	SAFETY END SECTION 18,SD,6:1	1.000	524.75	524.76
0098	550-4118		EA	FLARED END SECT 18 IN, SIDE DR	3.000	400.06	1200.19
0103	550-4215		EA	FLARED END SECT 15 IN, ST DR	2.000	1000.00	2000.00
0108	550-4218		EA	FLARED END SECT 18 IN, ST DR	10.000	580.33	5803.31
0113	550-4224		EA	FLARED END SECT 24 IN, ST DR	1.000	772.66	772.67
0118	550-4230		EA	FLARED END SECT 30 IN, ST DR	2.000	866.16	1732.32
0122	550-4236		EA	FLARED END SECT 36 IN, ST DR	2.000	1321.73	2643.47
0123	550-4418		EA	FLARED END SECT 18 IN, SLP DR	1.000	1107.72	1107.73

## STATE HIGHWAY AGENCY

DATE : 01/19/2017

PAGE : 2

## JOB ESTIMATE REPORT

0128	576-1015	LF	SLOPE DRAIN PIPE, 15 IN	320.000	37.00	11840.00
0133	576-1018	LF	SLOPE DRAIN PIPE, 18 IN	30.000	48.66	1459.95
0138	610-9099	LS	REM WINGWALLS/PARAPETS, STA - STA 1126+73.58	1.000	4000.00	4000.00
0143	610-9099	LS	REM WINGWALLS/PARAPETS, STA - STA 1986+70.71	1.000	4000.00	4000.00
0148	610-9099	LS	REM WINGWALLS/PARAPETS, STA - STA 1986+70.71	1.000	4000.00	4000.00
0153	611-9000	EA	CAPPING MINOR STRUCTURE	2.000	775.00	1550.00
0158	620-0100	LF	TEMP BARRIER, METHOD NO. 1	3000.000	27.60	82826.28
0163	632-0003	EA	CHANGEABLE MESS SIGN,PORT,TP 3	4.000	9978.35	39913.40
0168	634-1200	EA	RIGHT OF WAY MARKERS	67.000	116.13	7781.36
0173	641-1100	LF	GUARDRAIL, TP T	80.000	73.59	5887.48
0178	641-1200	LF	GUARDRAIL, TP W	5300.000	17.61	93334.91
0183	641-5001	EA	GUARDRAIL ANCHORAGE, TP 1	14.000	914.09	12797.33
0188	641-5012	EA	GUARDRAIL ANCHORAGE, TP 12	13.000	2200.69	28609.09
0193	643-0010	LF	FIELD FENCE WOVEN WIRE AS DIRECTED	9200.000	5.88	54099.77
0198	643-8210	LF	WOOD FENCE -	450.000	5.00	2250.00
0203	668-2100	EA	DROP INLET, GP 1	20.000	2299.59	45991.93
0208	668-2110	LF	DROP INLET, GP 1, ADDL DEPTH	30.000	275.27	8258.21
0213	668-2231	EA	DROP INLET,GP 1,MOD TP M-1	4.000	2000.00	8000.00
0223	668-5000	EA	JUNCTION BOX	1.000	2218.80	2218.81
0228	668-8012	SF	SAFETY GRATE, TP 2	160.000	200.00	32000.00
0233	441-0204	SY	PLAIN CONC DITCH PAVING, 4 IN AS DIRECTED	1200.000	42.95	51540.88
0238	603-2180	SY	STN DUMPED RIP RAP, TP 3, 12 AS DIRECTED	640.000	62.11	39753.40
0243	603-2182	SY	STN DUMPED RIP RAP, TP 3, 24 AS DIRECTED	1500.000	77.28	115921.61
0248	603-7000	SY	PLASTIC FILTER FABRIC	2140.000	4.13	8854.72
0253	700-6910	AC	PERMANENT GRASSING	80.000	1010.89	80871.83
0258	700-7000	TN	AGRICULTURAL LIME	230.000	9.61	2210.91
0263	700-8000	TN	FERTILIZER MIXED GRADE	60.000	579.96	34797.81
0268	700-8100	LB	FERTILIZER NITROGEN CONTENT	3900.000	2.59	10137.00
0273	711-0600	SY	TURF REINFORCING MATTING, TP 6	1800.000	5.00	9000.00
0278	716-2000	SY	EROSION CONTROL MATS, SLOPES	1800.000	1.74	3149.84
0283	999-0060	SY	BIORETENTION AREA	3200.000	5.00	16000.00
0288	999-3155	LF	DRY SWALE EDGE DRAIN	4100.000	62.01	254248.83
0293	163-0232	AC	TEMPORARY GRASSING	38.000	457.38	17380.47
0298	163-0240	TN	MULCH	600.000	147.11	88267.97
0303	163-0300	EA	CONSTRUCTION EXIT	8.000	1442.81	11542.48
0308	163-0502	EA	CONSTR AND REMOVE SILT CONTROL GATE,TP 2	2.000	546.32	1092.64
0313	163-0503	EA	CONSTR AND REMOVE SILT CONTROL GATE,TP 3	6.000	483.17	2899.03
0318	163-0520	LF	CONSTR AND REMOVE TEMP PIPE SLOPE DRAIN	910.000	17.03	15502.61
0323	163-0527	EA	CNST/REM RIP RAP CKDM,STN P RIPRAP/SN BG	180.000	302.58	54465.69
0328	163-0529	LF	CNST/REM TEMP SED BAR OR BLD STRW CK DM	1000.000	4.78	4782.37
0333	163-0531	EA	CONSTR & REM SEDIMENT BASIN,TP 1,STA NO- RAMP B 1123+20 & RAMP C 1177+10	2.000	13865.67	27731.35
0338	163-0550	EA	CONS & REM INLET SEDIMENT TRAP	24.000	201.22	4829.39

## STATE HIGHWAY AGENCY

DATE : 01/19/2017

PAGE : 3

## JOB ESTIMATE REPORT

0343	165-0030	LF	MAINT OF TEMP SILT FENCE, TP C	49800.000	0.17	8510.82
0348	165-0041	LF	MAINT OF CHECK DAMS - ALL TYPES	1800.000	1.49	2696.74
0353	165-0060	EA	MAINT OF TEMP SEDIMENT BASIN, STA NO -	2.000	1657.03	3314.07
0358	165-0071	LF	MAINT OF SEDIMENT BARRIER - BALED STRAW	500.000	0.78	391.96
0363	165-0086	EA	MAINT OF SILT CONTROL GATE, TP 2	2.000	81.27	162.54
0368	165-0087	EA	MAINT OF SILT CONTROL GATE, TP 3	6.000	140.45	842.71
0373	165-0101	EA	MAINT OF CONST EXIT	16.000	387.88	6206.09
0378	165-0105	EA	MAINT OF INLET SEDIMENT TRAP	24.000	46.38	1113.19
0383	167-1000	EA	WATER QUALITY MONITORING AND SAMPLING	4.000	380.08	1520.34
0388	167-1500	MO	WATER QUALITY INSPECTIONS	36.000	860.87	30991.34
0393	171-0030	LF	TEMPORARY SILT FENCE, TYPE C	24900.000	3.84	95747.47
0398	643-8200	LF	BARRIER FENCE (ORANGE), 4 FT	5800.000	1.77	10318.84
0403	150-0008	EA	REM/RST EX SP GS, GM, C-IN-PLC	6.000	200.00	1200.00
0408	610-6510	EA	REM HWY SIGN, OVHD	7.000	585.00	4095.00
0413	610-9310	LS	REM STR SUPPORT, TP - C0004	1.000	5000.00	5000.00
0418	610-9310	LS	REM STR SUPPORT, TP - C0009	1.000	5000.00	5000.00
0423	610-9310	LS	REM STR SUPPORT, TP - C0014	1.000	5000.00	5000.00
0428	610-9310	LS	REM STR SUPPORT, TP - D0017	1.000	5000.00	5000.00
0433	610-9310	LS	REM STR SUPPORT, TP - D0022	1.000	5000.00	5000.00
0438	610-9310	LS	REM STR SUPPORT, TP - D0027	1.000	5000.00	5000.00
0443	636-1020	SF	HWY SGN,TP1MAT,REFL SH TP3	380.000	14.66	5574.51
0448	636-1036	SF	HWY SGN,TP1MAT,REFL SH TP 11	290.000	17.00	4930.00
0453	636-1045	SF	HWY SGN,TP2,REFL SH TP 11	50.000	36.00	1800.00
0458	636-1072	SF	HWY SIGNS,ALUM EXTRD PNLS, RS TP 3	1500.000	33.00	49500.00
0463	636-2070	LF	GALV STEEL POSTS, TP 7	800.000	6.62	5302.56
0468	636-2080	LF	GALV STEEL POSTS, TP 8	370.000	9.77	3616.51
0473	636-2090	LF	GALV STEEL POSTS, TP 9	50.000	8.04	402.17
0478	636-3010	EA	GROUND-MOUNTED BREAKAWAY SIGN SUPPORT	12.000	533.16	6398.01
0483	636-5010	EA	DELINEATOR, TP 1	103.000	42.00	4326.00
0488	636-5011	EA	DELINEATOR, TP 1A	4.000	30.00	120.00
0493	636-5020	EA	DELINEATOR, TP 2	83.000	45.49	3775.68
0498	638-1001	LS	STR SUPPORT OVHD SIGN,TP I,STA C0006	1.000	90000.00	90000.00
0503	638-1001	LS	STR SUPPORT OVHD SIGN,TP I,STA C0011	1.000	90000.00	90000.00
0508	638-1001	LS	STR SUPPORT OVHD SIGN,TP I,STA D0019	1.000	90000.00	90000.00
0513	638-1003	LS	STR SUPPORT OVHD,SIGN,TPIIIISTA C0001	1.000	35000.00	35000.00
0518	638-1003	LS	STR SUPPORT OVHD,SIGN,TPIIIISTA D0024	1.000	35000.00	35000.00
0523	638-1003	LS	STR SUPPORT OVHD,SIGN,TPIIIISTA D0029	1.000	35000.00	35000.00
0528	653-0120	EA	THERM PVMT MARK, ARROW, TP 2	8.000	92.14	737.15
0533	653-0210	EA	THERM PVMT MARK, WORD , TP 1	4.000	128.42	513.68
0538	653-1501	LF	THERMO SOLID TRAF ST 5 IN, WHI	13400.000	0.49	6582.62
0543	653-1502	LF	THERMO SOLID TRAF ST, 5 IN YEL	2700.000	0.60	1627.43
0548	653-1810	LF	THER SLD TRAF STRIPE, 10 IN, W	2000.000	2.14	4295.48
0553	653-3501	GLF	THERMO SKIP TRAF ST, 5 IN, WHI	5000.000	0.50	2540.60
0558	653-6006	SY	THERM TRAF STRIPING, YELLOW	240.000	4.62	1110.19
0563	654-1001	EA	RAISED PVMT MARKERS TP 1	35.000	5.30	185.76
0568	654-1003	EA	RAISED PVMT MARKERS TP 3	202.000	4.69	947.80
0573	655-7000	EA	PVMT ARROW, PREFORM PLASTIC W/RAISE REFL	2.000	1000.00	2000.00
0578	657-1085	LF	PRF PL SD PVT MKG,8,B/W,TP PB	7400.000	5.62	41652.45
0583	657-1110	LF	PRF PL SD PVMT MKG, 11,B/W,TPPB	1800.000	5.00	9000.00

## STATE HIGHWAY AGENCY

DATE : 01/19/2017

PAGE : 4

## JOB ESTIMATE REPORT

0588	657-1244	LF	PRF PL SD PVMT MKG, 24, WH, TPPB	150.000	29.34	4401.40
0593	657-3085	GLF	PRF PL SK PVMT MKG, 8, B/W, TPPB	490.000	5.09	2495.25
0598	657-5003	EA	PRF PLASTIC PVMT MKG, WORD TP 1, TP PB	4.000	802.14	3208.59
0603	657-5017	EA	PRF PL PVT MKG, ARW TP2, WH, TPPB	6.000	721.19	4327.16
0608	657-6085	LF	PRF PL SD PVMT MKG, 8, B/Y, TPPB	6800.000	5.55	37786.31
0610	639-1535	EA	TREATED TIMBER POLE, CL 5, 35'	11.000	3000.00	33000.00
0611	639-2002	LF	STEEL WIRE STRAND CABLE, 3/8	1150.000	4.49	5173.55
0612	639-4004	EA	STRAIN POLE, TP IV	2.000	10197.46	20394.92
0613	647-0220	LS	TRAF SIGNAL INSTALLATION, TEMP	1.000	20000.00	20000.00
0618	647-0220	LS	TRAF SIGNAL INSTALLATION, TEMP	1.000	20000.00	20000.00
0623	647-0220	LS	TRAF SIGNAL INSTALLATION, TEMP	1.000	20000.00	20000.00
0648	682-9950	LF	DIRECTIONAL BORE - 5"	80.000	500.00	40000.00
0652	647-2140	EA	PULL BOX, PB-4	2.000	1700.00	3400.00
0653	647-2170	EA	PULL BOX, PB-7	2.000	1585.00	3170.00
0658	682-6222	LF	CONDUIT, NONMETL, TP 2, 2 IN	70.000	9.68	678.30
0663	682-6233	LF	CONDUIT, NONMETL, TP 3, 2 IN	530.000	5.50	2915.00
0673	682-6540	LF	CONDUIT, FIBERGLASS, 4 IN	350.000	10.00	3500.00
0678	935-1113	LF	OUT PLNT FBR OPT CBL, LOOSE TB, SM, 24 FBR	750.000	10.00	7500.00
0683	935-3402	EA	FBR OPTIC CLOSURE, FDC(RACK MTD), 12 FBR	2.000	1500.00	3000.00
0703	935-8000	LS	TESTING	1.000	2000.00	2000.00
0708	935-8500	LS	TRAINING	1.000	3000.00	3000.00
0711	939-2237	EA	GBIC, TYPE D	10.000	400.00	4000.00
0712	939-2300	EA	FIELD SWITCH, TYPE A	10.000	1745.31	17453.14
0713	950-3515	LF	INSTALL, TELECOM FACIL, COND, BR ATTACH BRIDGE MOUNT	270.000	50.00	13500.00
0718	207-0203	CY	FOUND BKFILL MATL, TP II	1200.000	66.27	79530.48
0723	627-1000	SF	MSE WALL FACE, 0 - 10 FT HT, WALL NO - WALL 1	1100.000	45.93	50525.01
0728	627-1010	SF	MSE WALL FACE, 10 - 20 FT HT, WALL NO - WALL 1	8000.000	52.19	417536.48
0733	627-1160	LF	TRAFFIC BARRIER H, WALL NO - WALL 1	670.000	254.03	170203.42
0738	441-0006	SY	CONC SLOPE PAV, 6 IN	210.000	50.00	10500.00
0743	500-3101	CY	CLASS A CONCRETE	180.000	793.58	142845.10
0748	511-1000	LB	BAR REINF STEEL	33000.000	0.95	31648.98
0753	682-9950	LF	DIRECTIONAL BORE - 2"	280.000	500.00	140000.00
0758	681-4215	EA	LIGHTING STD, 35 FT MH, POST TOP	33.000	2600.00	85800.00
0763	681-6446	EA	LUMINAIRE, TP 4, 250W, HP SODIUM	12.000	1400.00	16800.00
0768	682-1404	LF	CABLE, TP XHHW, AWG NO 10	7100.000	1.00	7100.00
0773	682-1405	LF	CABLE, TP XHHW, AWG NO 8	9000.000	1.30	11700.00
0778	682-1406	LF	CABLE, TP XHHW, AWG NO 6	15800.000	1.30	20540.00
0783	682-1407	LF	CABLE, TP XHHW, AWG NO 4	4300.000	2.00	8600.00
0788	682-1408	LF	CABLE, TP XHHW, AWG NO 2	10600.000	2.50	26500.00
0793	682-6219	LF	CONDUIT, NONMETL, TP 2, 1 IN	8300.000	7.25	60175.00
0798	682-6222	LF	CONDUIT, NONMETL, TP 2, 2 IN	14700.000	6.77	99543.40
0803	682-9000	LS	MAIN SVC PICK UP POINT	1.000	12000.00	12000.00
0808	682-9000	LS	MAIN SVC PICK UP POINT	1.000	12000.00	12000.00
0813	682-9000	LS	MAIN SVC PICK UP POINT	1.000	12000.00	12000.00
0818	682-9000	LS	MAIN SVC PICK UP POINT	1.000	12000.00	12000.00
0823	682-9000	LS	MAIN SVC PICK UP POINT	1.000	12000.00	12000.00
0828	682-9000	LS	MAIN SVC PICK UP POINT	1.000	12000.00	12000.00
0833	682-9020	EA	ELEC JCT BOX	14.000	645.00	9030.00

## STATE HIGHWAY AGENCY

DATE : 01/19/2017  
PAGE : 5

## JOB ESTIMATE REPORT

0838	682-9021	EA	ELEC JCT BX,CONC GRD MOUNTED	6.000	2159.16	12955.01
0843	683-1101	EA	LIGHT TOW/STEL/100'MH/LW EQUIP	18.000	20000.00	360000.00
0848	683-6566	EA	HI-LEVEL LUMIN,TP 5,400W,HPSOD	84.000	1500.00	126000.00
0853	683-6586	EA	HI-LEVEL LUMIN,TP 5,1000W,HP	30.000	900.00	27000.00
0858	683-9025	EA	LOWERING DEVICE POWER SUPPLY UNIT	1.000	3000.00	3000.00
0863	543-9000	LS	CONSTR OF BRIDGE COMPLETE - BRIDGE OVER I-75	1.000	1725010.00	1725010.00

---

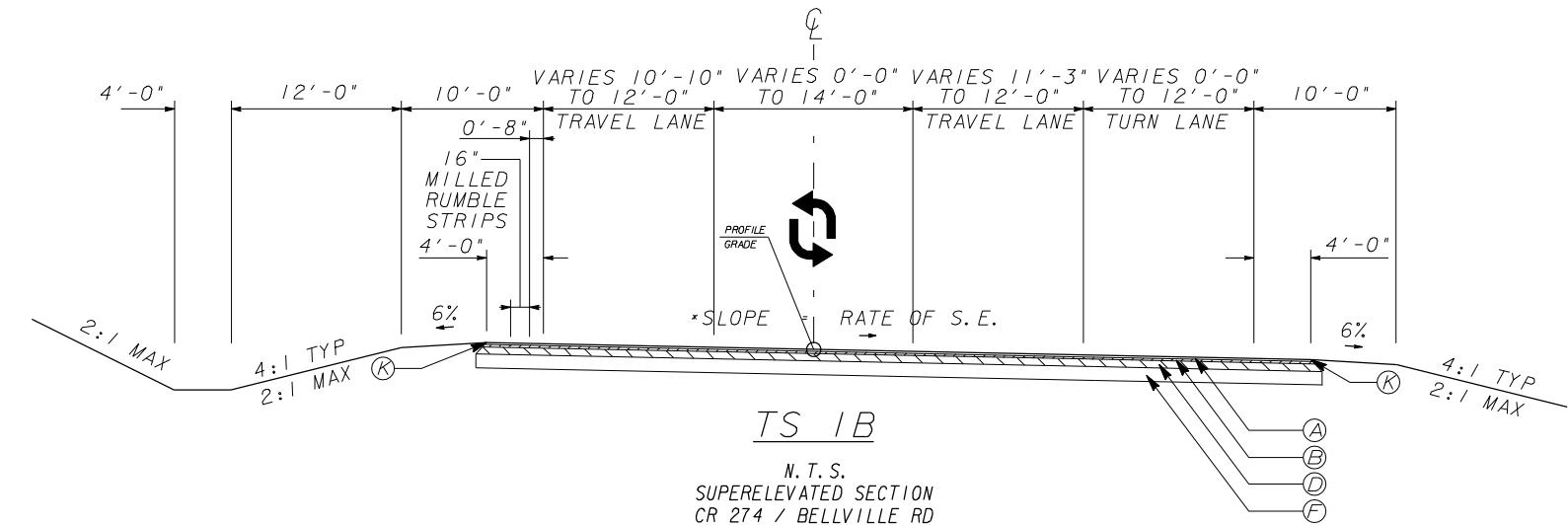
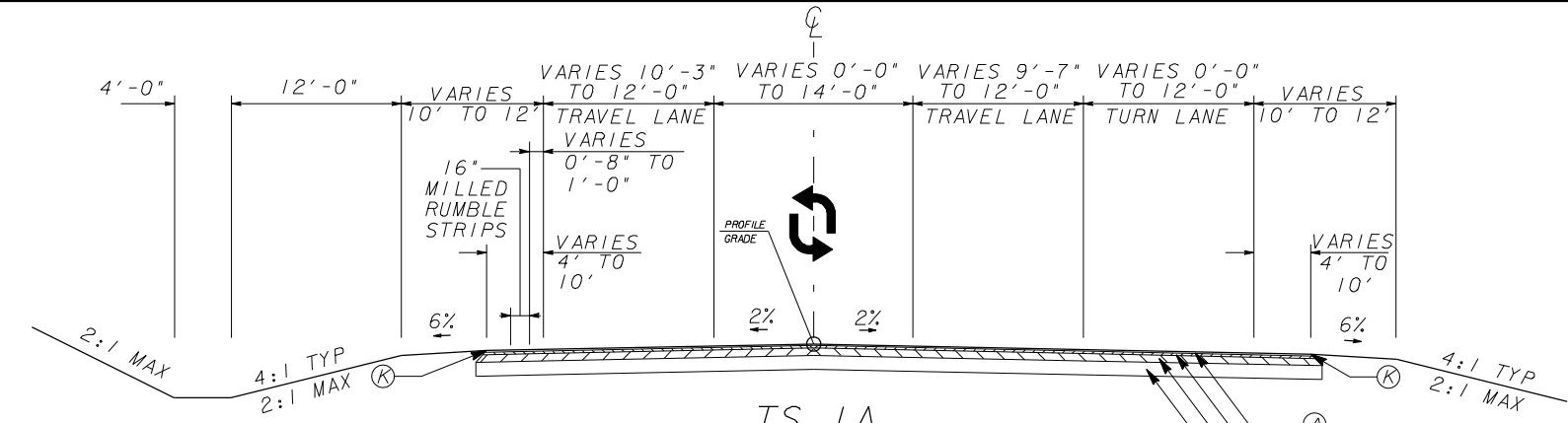
ITEM TOTAL	14805491.81
INFLATED ITEM TOTAL	14805491.81

TOTALS FOR JOB 0007386

---

ESTIMATED COST:	14805491.81
CONTINGENCY PERCENT ( 0.0 ):	0.00
ESTIMATED TOTAL:	14805491.81

---

**PAVEMENT DESIGN**

RECYCLED ASPH CONC 12.5 MM SUPERPAVE,  
Ⓐ GP 2 ONLY, INCL BITUM MATL & H LIME  
165 LBS/YD<sup>2</sup>

RECYCLED ASPH CONC 19 MM SUPERPAVE,  
Ⓑ GP 1 OR 2, INCL BITUM MATL & H LIME  
220 LBS/YD<sup>2</sup>

RECYCLED ASPH CONC 19 MM SUPERPAVE,  
Ⓒ GP 1 OR 2, INCL BITUM MATL & H LIME  
330 LBS/YD<sup>2</sup>

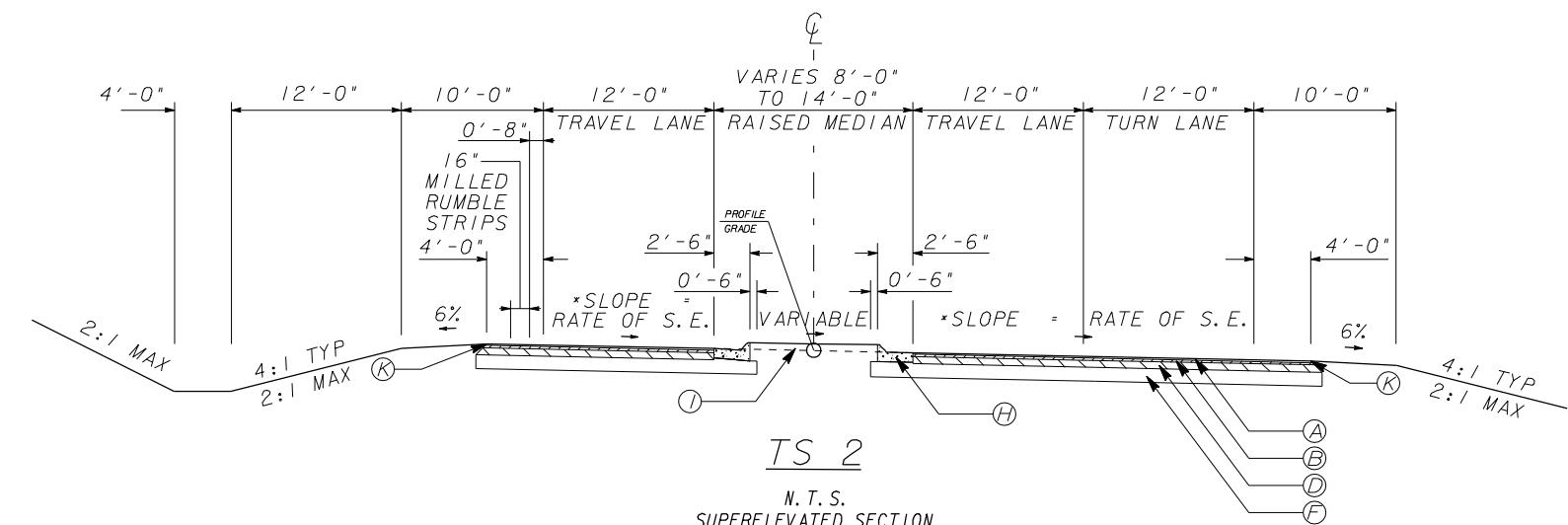
RECYCLED ASPH CONC 25 MM SUPERPAVE,  
Ⓓ GP 1 OR 2, INCL BITUM MATL & H LIME  
440 LBS/YD<sup>2</sup>

Ⓔ GR AGGR BASE CRS, INCL MATL. 8"  
Ⓕ GR AGGR BASE CRS, INCL MATL. 12"  
Ⓖ CONT REINF CONC PVMT, CL 3 CONC, 11 INCH THK  
Ⓗ CONC CURB & GUTTER, 8 IN X 30 IN, TP 7

Ⓛ WHERE > 8', GRASS  
WHERE < 8', CONCRETE MEDIAN, 6 IN

Ⓜ PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH  
Ⓝ PAVEMENT EDGE TREATMENT, CONSTRUCTION DETAIL P-7

Ⓛ ASPHALTIC CONCRETE LEVELING, AS REQUIRED



- NOTES:**
1. SEE ROADWAY PLANS FOR LOCATION OF GUARDRAIL.
  2. SLOPE: SEE ROADWAY PLANS FOR SUPERELEVATION RATES AND TRANSITIONS.
  3. FOR METHOD OF SUPERELEVATION, SEE CONSTR PLAN & PROFILE SHEETS - CURVE DATA. LOCATIONS OF NORMAL CROWN & FULL S.E. NOTED ON CONSTR CENTERLINE.
  4. SHOULDER MAY BE GRADED AWAY FROM ROADWAY TO FACILITATE THE SLOPE TIE TO EXISTING GROUND.
- \* SEE PLAN SHEETS.

NOT RELEASED  
FOR CONSTRUCTION

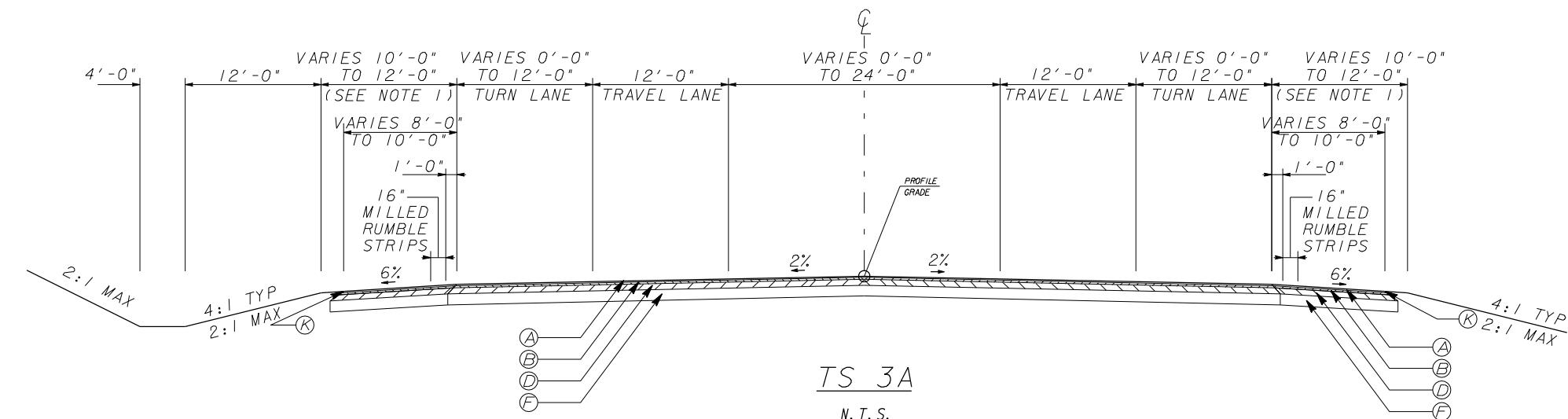
NOT TO SCALE

**REVISION DATES**

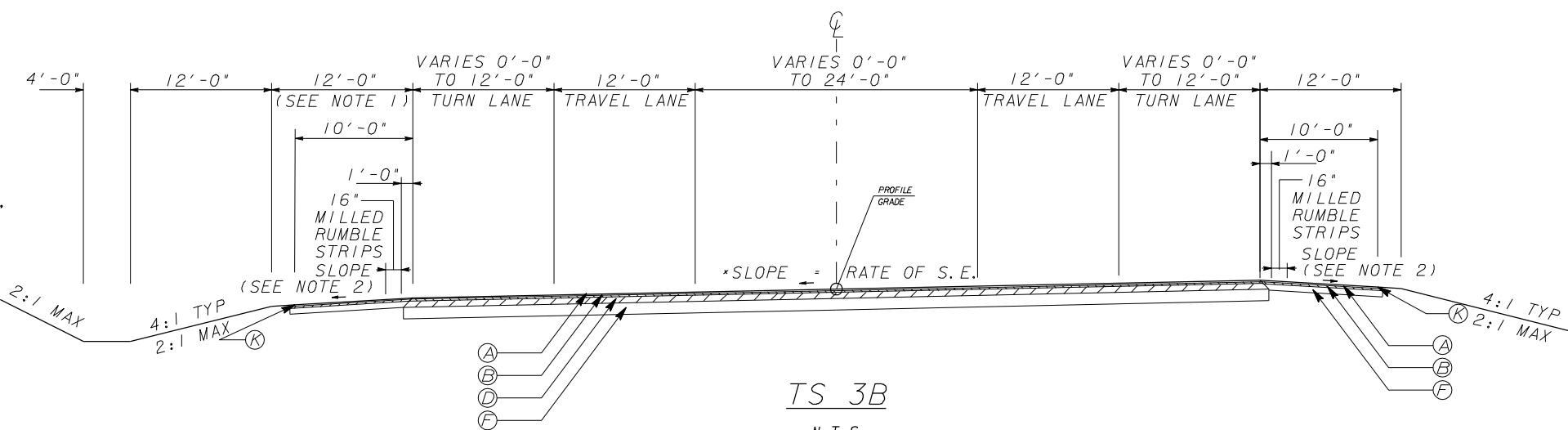
STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
OFFICE: PROGRAM DELIVERY  
**TYPICAL SECTIONS**  
CR 274/BELLVILLE RD  
@ 1-75

**JACOBS™**

DRAWING NO.  
**5-001**

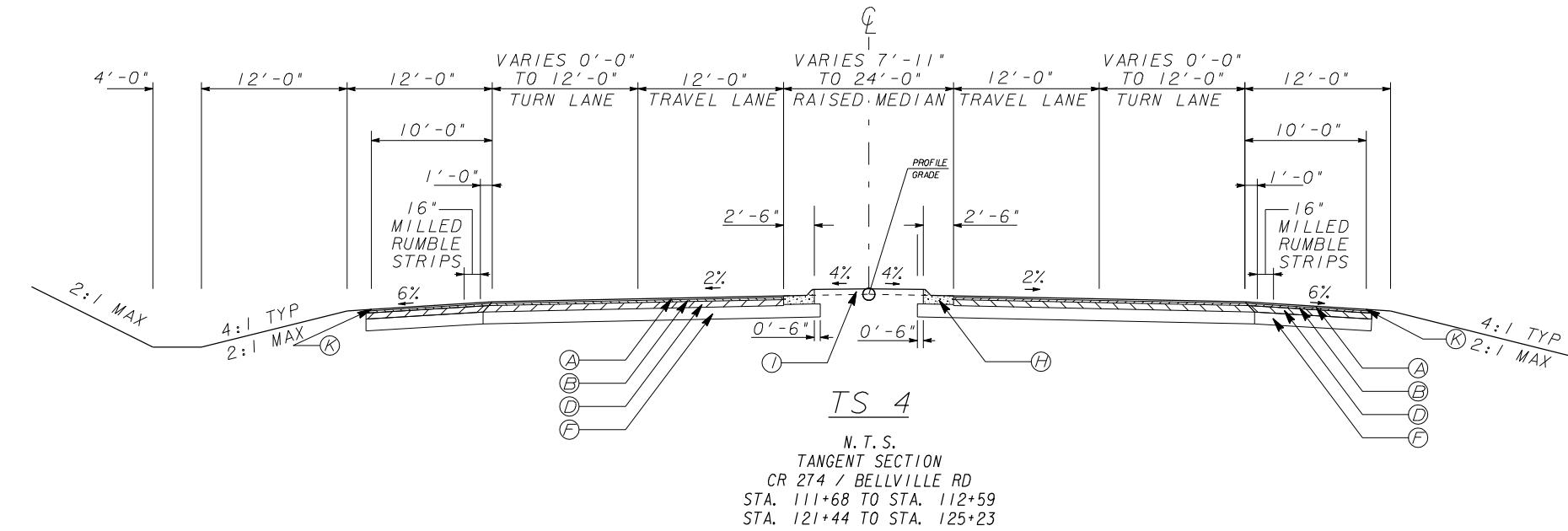


**PAVEMENT DESIGN**  
 RECYCLED ASPH CONC 12.5 MM SUPERPAVE,  
 (A) GP 2 ONLY, INCL BITUM MATL & H LIME  
 165 LBS/YD<sup>2</sup>  
 RECYCLED ASPH CONC 19 MM SUPERPAVE,  
 (B) GP 1 OR 2, INCL BITUM MATL & H LIME  
 220 LBS/YD<sup>2</sup>  
 RECYCLED ASPH CONC 19 MM SUPERPAVE,  
 (C) GP 1 OR 2, INCL BITUM MATL & H LIME  
 330 LBS/YD<sup>2</sup>  
 RECYCLED ASPH CONC 25 MM SUPERPAVE,  
 (D) GP 1 OR 2, INCL BITUM MATL & H LIME  
 440 LBS/YD<sup>2</sup>  
 (E) GR AGGR BASE CRS, INCL MATL. 8"  
 (F) GR AGGR BASE CRS, INCL MATL. 12"  
 (G) CONT REINF CONC PVMT, CL 3 CONC, 11 INCH THK  
 (H) CONC CURB & GUTTER, 8 IN X 30 IN, TP 7  
 (I) WHERE > 8', GRASS  
 WHERE < 8', CONCRETE MEDIAN, 6 IN  
 (J) PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH  
 (K) PAVEMENT EDGE TREATMENT, CONSTRUCTION DETAIL P-7  
 (L) ASPHALTIC CONCRETE LEVELING, AS REQUIRED



- NOTES:**
1. SEE ROADWAY PLANS FOR LOCATION OF GUARDRAIL.
  2. SLOPE: SEE ROADWAY PLANS FOR SUPERELEVATION RATES AND TRANSITIONS.
  3. FOR METHOD OF SUPERELEVATION, SEE CONSTR PLAN & PROFILE SHEETS - CURVE DATA. LOCATIONS OF NORMAL CROWN & FULL S.E. NOTED ON CONSTR CENTERLINE.
  4. SHOULDER MAY BE GRADED AWAY FROM ROADWAY TO FACILITATE THE SLOPE TIE TO EXISTING GROUND.
- \* SEE PLAN SHEETS.

			NOT RELEASED FOR CONSTRUCTION	NOT TO SCALE	REVISION DATES		STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE: PROGRAM DELIVERY	TYPICAL SECTIONS
GPIN			JACOBS™				CR 274/BELLVILLE RD @ 1-75	DRAWING NO. 5-002



## PAVEMENT DESIGN

(A) RECYCLED ASPH CONC 12.5 MM SUPERPAVE,  
GP 2 ONLY, INCL BITUM MATL & H LIME  
165 LBS/YD<sup>2</sup>

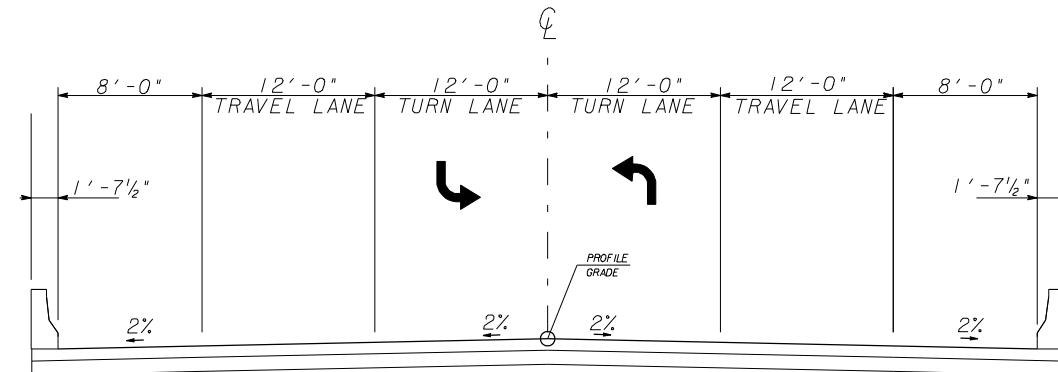
⑧ RECYCLED ASPH CONC 19 MM SUPERPAVE,  
GP 1 OR 2, INCL BITUM MATL & H LIME  
220 LBS/YD<sup>2</sup>

④ RECYCLED ASPH CONC 19 MM SUPERPAVE,  
GP 1 OR 2, INCL BITUM MATL & H LIME  
330 LBS/YD<sup>2</sup>

④ RECYCLED ASPH CONC 25 MM SUPERPAVE,  
GP 1 OR 2, INCL BITUM MATL & H LIME  
440 LBS/YD<sup>2</sup>

(E) GR AGGR BASE CRS, INCL MATL, 8"  
(F) GR AGGR BASE CRS, INCL MATL, 12"  
(G) CONT REINF CONC PVMT, CL 3 CONC, 11 INCH THK  
      (H) CONC CURB & GUTTER, 8 IN X 30 IN, TP 7

- ⑦ WHERE > 8', GRASS
- ⑧ WHERE < 8', CONCRETE MEDIAN, 6 IN
- ⑨ PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH
- ⑩ PAVEMENT EDGE TREATMENT, CONSTRUCTION DETAIL P-1
- ⑪ ASPHALTIC CONCRETE LEVELING, AS REQUIRED



TS 5  
N.T.S.  
BRIDGE SECTION  
CR 274 / BELLEVILLE RD  
STA. 115+94.16 TO STA. 118+64.16

**NOTES:**

1. SEE ROADWAY PLANS FOR LOCATION OF GUARDRAIL.
2. SLOPE: SEE ROADWAY PLANS FOR SUPERELEVATION RATES AND TRANSITIONS.
3. FOR METHOD OF SUPERELEVATION, SEE CONSTR PLAN & PROFILE SHEETS - CURVE DATA. LOCATIONS OF NORMAL CROWN & FULL S.E. NOTED ON CONSTR CENTERLINE.
4. SHOULDER MAY BE GRADED AWAY FROM ROADWAY TO FACILITATE THE SLOPE TIE TO EXISTING GROUND.

\* SEE PLAN SHEETS.

*NOT RELEASED  
FOR CONSTRUCTION*

*NOT TO SCALE*

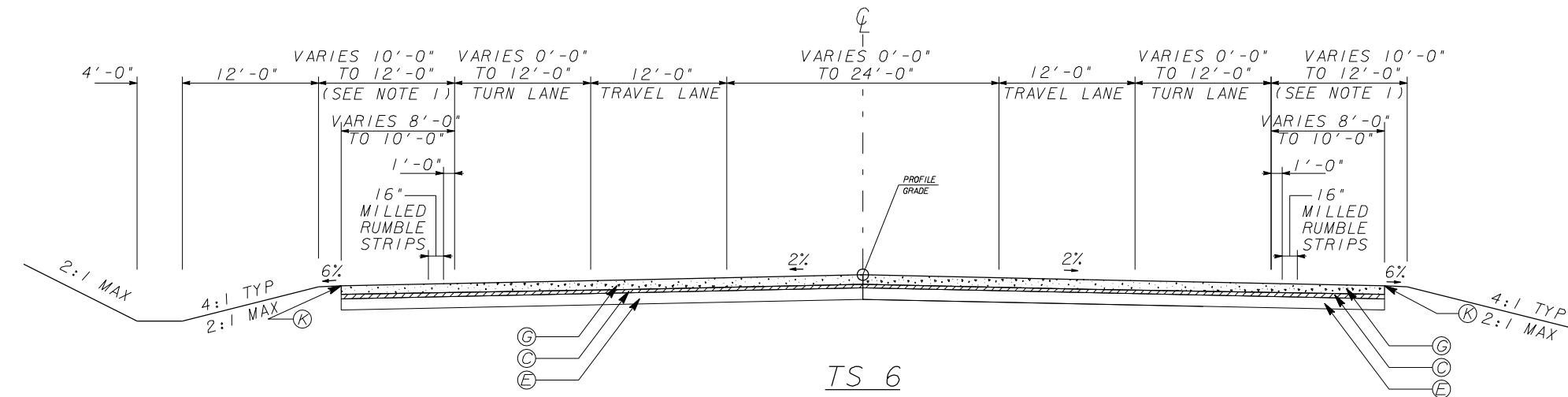
### REVISION DATES

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION

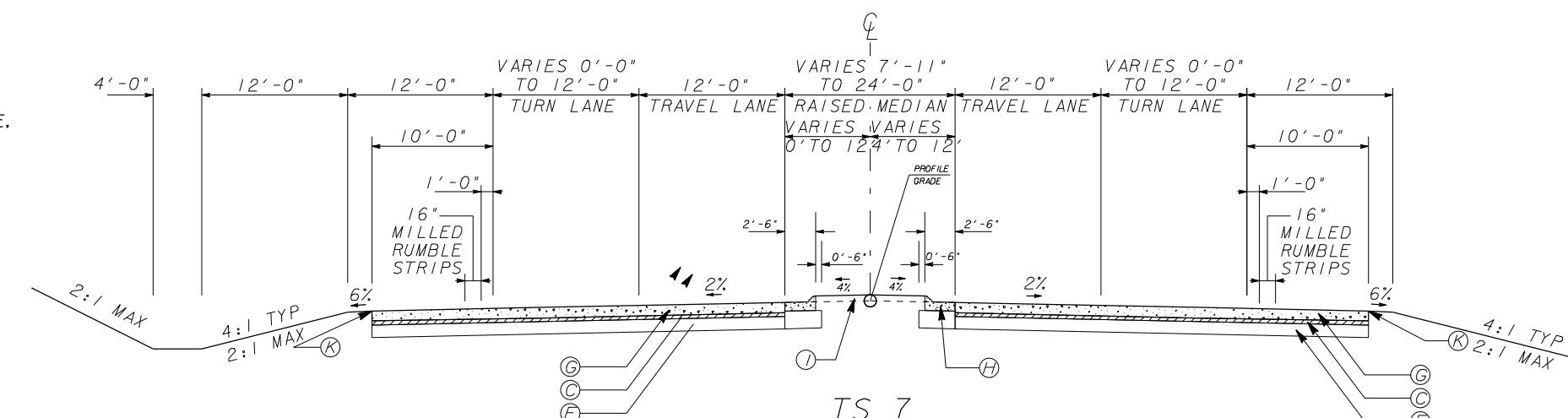
OFFICE: PROGRAM DELIVERY  
TYPICAL SECTIONS

CR 274/BELLVILLE RD  
@ I-75

DRAWING No.  
**5-003**



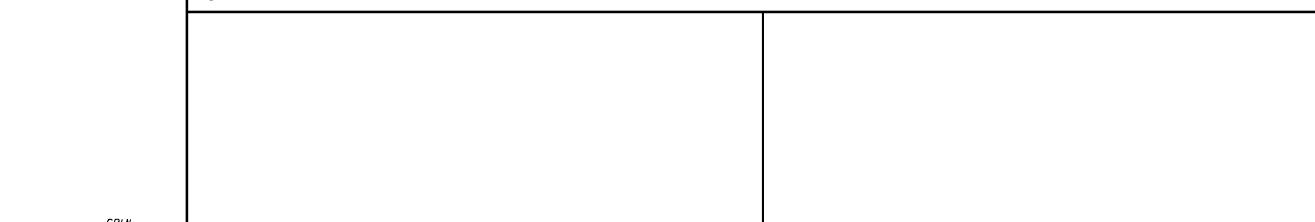
**PAVEMENT DESIGN**  
 RECYCLED ASPH CONC 12.5 MM SUPERPAVE,  
 (A) GP 2 ONLY, INCL BITUM MATL & H LIME  
 165 LBS/YD<sup>2</sup>  
 RECYCLED ASPH CONC 19 MM SUPERPAVE,  
 (B) GP 1 OR 2, INCL BITUM MATL & H LIME  
 220 LBS/YD<sup>2</sup>  
 RECYCLED ASPH CONC 19 MM SUPERPAVE,  
 (C) GP 1 OR 2, INCL BITUM MATL & H LIME  
 330 LBS/YD<sup>2</sup>  
 RECYCLED ASPH CONC 25 MM SUPERPAVE,  
 (D) GP 1 OR 2, INCL BITUM MATL & H LIME  
 440 LBS/YD<sup>2</sup>  
 (E) GR AGGR BASE CRS, INCL MATL. 8"  
 (F) GR AGGR BASE CRS, INCL MATL. 12"  
 (G) CONT REINF CONC PVMT, CL 3 CONC, 11 INCH THK  
 (H) CONC CURB & GUTTER, 8 IN X 30 IN, TP 7  
 (I) WHERE > 8', GRASS  
 WHERE < 8', CONCRETE MEDIAN, 6 IN  
 (J) PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH  
 (K) PAVEMENT EDGE TREATMENT, CONSTRUCTION DETAIL P-7  
 (L) ASPHALTIC CONCRETE LEVELING, AS REQUIRED



**NOTES:**

- SEE ROADWAY PLANS FOR LOCATION OF GUARDRAIL.
- SLOPE: SEE ROADWAY PLANS FOR SUPERELEVATION RATES AND TRANSITIONS.
- FOR METHOD OF SUPERELEVATION, SEE CONSTR PLAN & PROFILE SHEETS - CURVE DATA, LOCATIONS OF NORMAL CROWN & FULL S.E. NOTED ON CONSTR CENTERLINE.
- SHOULDER MAY BE GRADED AWAY FROM ROADWAY TO FACILITATE THE SLOPE TIE TO EXISTING GROUND.

\* SEE PLAN SHEETS.



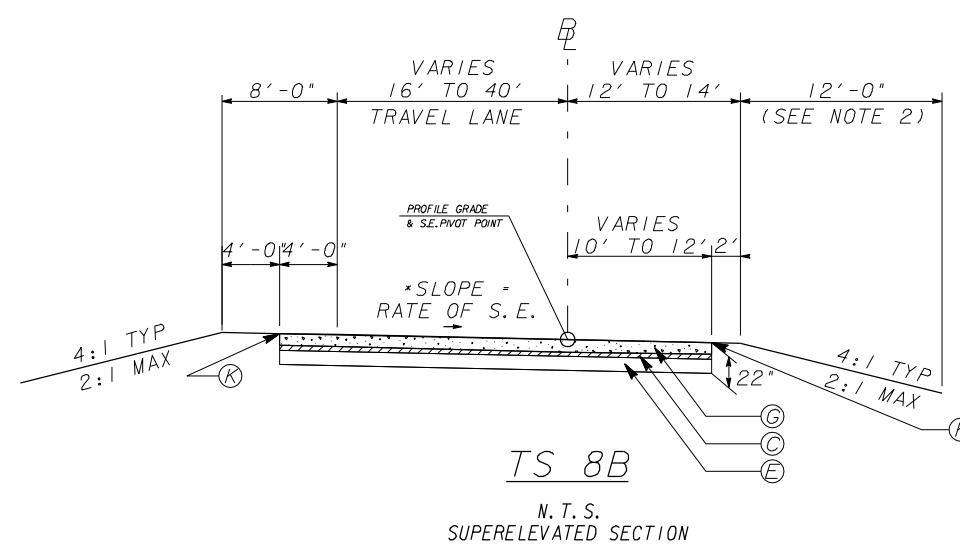
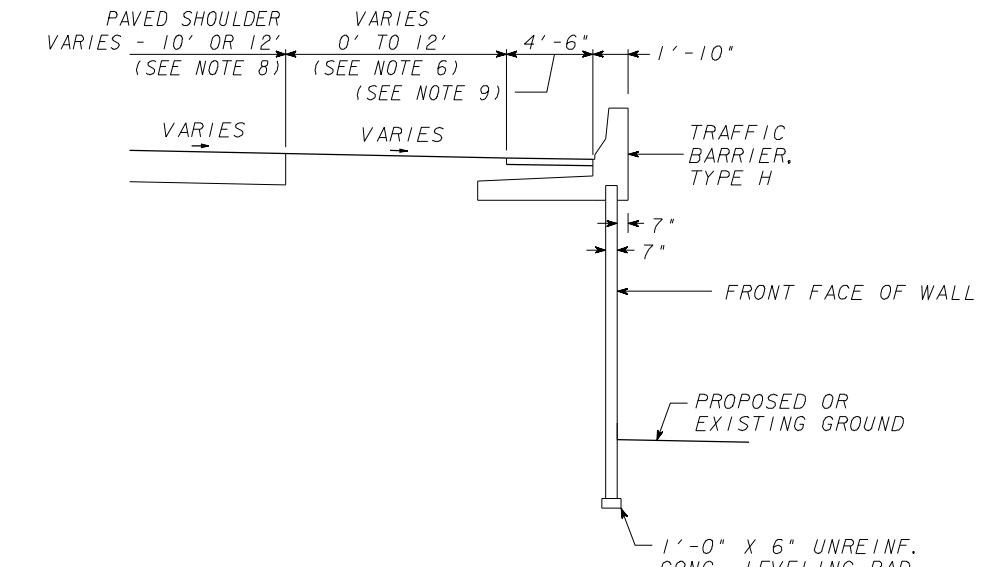
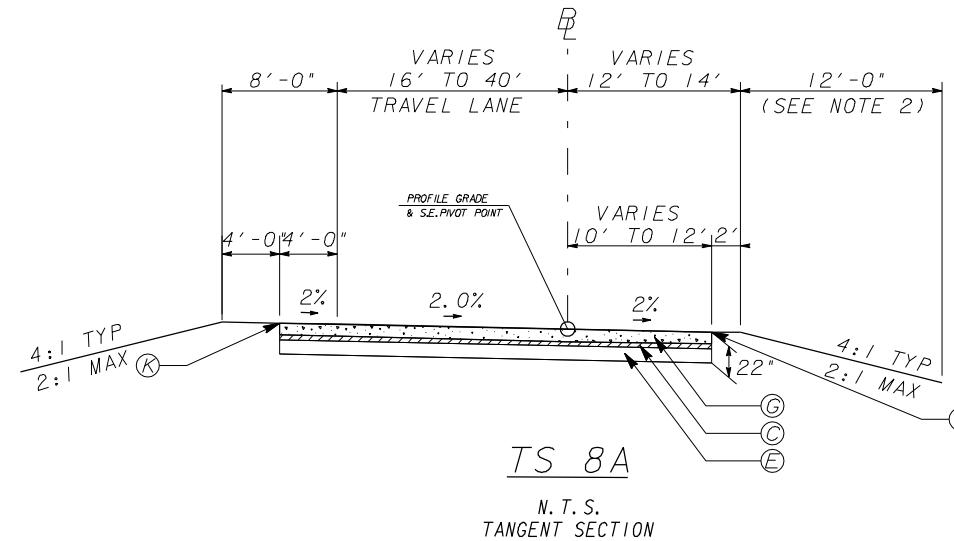
**JACOBS™**

NOT RELEASED  
FOR CONSTRUCTION  
  
NOT TO SCALE

REVISION DATES		

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
OFFICE: PROGRAM DELIVERY  
**TYPICAL SECTIONS**  
CR 274/BELLVILLE RD  
@ I-75

DRAWING NO.  
**5-004**



**PAVEMENT DESIGN**

RECYCLED ASPH CONC 12.5 MM SUPERPAVE,  
Ⓐ GP 2 ONLY, INCL BITUM MATL & H LIME  
165 LBS/YD<sup>2</sup>

RECYCLED ASPH CONC 19 MM SUPERPAVE,  
Ⓑ GP 1 OR 2, INCL BITUM MATL & H LIME  
220 LBS/YD<sup>2</sup>

RECYCLED ASPH CONC 19 MM SUPERPAVE,  
Ⓒ GP 1 OR 2, INCL BITUM MATL & H LIME  
330 LBS/YD<sup>2</sup>

RECYCLED ASPH CONC 25 MM SUPERPAVE,  
Ⓓ GP 1 OR 2, INCL BITUM MATL & H LIME  
440 LBS/YD<sup>2</sup>

Ⓔ GR AGGR BASE CRS, INCL MATL. 8"  
Ⓕ GR AGGR BASE CRS, INCL MATL. 12"  
Ⓖ CONT REINF CONC PVMT, CL 3 CONC, 11 INCH THK  
Ⓗ CONC CURB & GUTTER, 8 IN X 30 IN, TP 7

Ⓛ WHERE > 8', GRASS  
WHERE < 8', CONCRETE MEDIAN, 6 IN

Ⓜ PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH

Ⓝ PAVEMENT EDGE TREATMENT, CONSTRUCTION DETAIL P-7

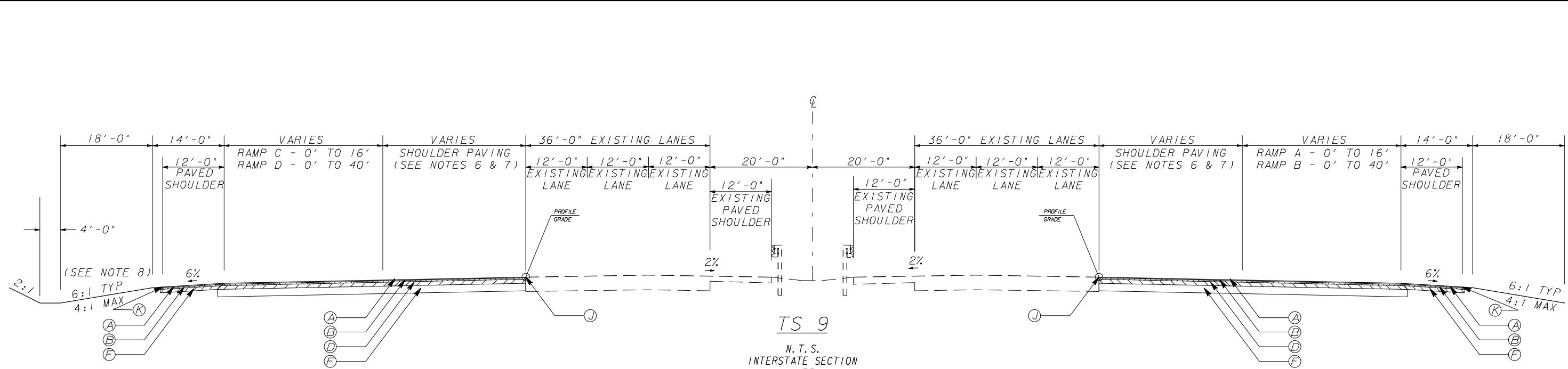
Ⓛ ASPHALTIC CONCRETE LEVELING, AS REQUIRED

- NOTES:**
- SEE ROADWAY PLANS FOR LOCATION OF GUARDRAIL.
  - SLOPE: SEE ROADWAY PLANS FOR SUPERELEVATION RATES AND TRANSITIONS.
  - FOR METHOD OF SUPERELEVATION, SEE CONSTR PLAN & PROFILE SHEETS - CURVE DATA. LOCATIONS OF NORMAL CROWN & FULL S.E. NOTED ON CONSTR CENTERLINE.
  - SHOULDER MAY BE GRADED AWAY FROM ROADWAY TO FACILITATE THE SLOPE TIE TO EXISTING GROUND.
  - SEE GDOT CONSTRUCTION DETAILS R-2 AND R-3 FOR ENTRANCE AND EXIT RAMPS.
- \* SEE PLAN SHEETS.

**JACOBS™**

NOT RELEASED  
FOR CONSTRUCTION  
  
NOT TO SCALE

STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION		
OFFICE: PROGRAM DELIVERY		
TYPICAL SECTIONS		
CR 274/BELLVILLE RD @ I-75	DRAWING NO. 5-005	



**TS-9 NOTE:**  
8. I-75 SB STA. 1965+00.00 TO STA. 1974+00.00 -  
BARN ROOF FORESLOPE WITH 20' AT 6:1 FROM SHOULDER  
HINGE POINT & TIE IN TO EXISTING GROUND AT 4:1.

**PAVEMENT DESIGN**  
RECYCLED ASPH CONC 12.5 MM SUPERPAVE,  
Ⓐ GP 2 ONLY, INCL BITUM MATL & H LIME  
165 LBS/YD2

RECYCLED ASPH CONC 19 MM SUPERPAVE,  
Ⓑ GP 1 OR 2, INCL BITUM MATL & H LIME  
220 LBS/YD2

RECYCLED ASPH CONC 19 MM SUPERPAVE,  
Ⓒ GP 1 OR 2, INCL BITUM MATL & H LIME  
330 LBS/YD2

RECYCLED ASPH CONC 25 MM SUPERPAVE,  
Ⓓ GP 1 OR 2, INCL BITUM MATL & H LIME  
440 LBS/YD2

Ⓔ GR AGGR BASE CRS. INCL MATL. 8"

Ⓕ GR AGGR BASE CRS. INCL MATL. 12"

Ⓖ CONT REINF CONC PVMT, CL 3 CONC, 11 INCH THK

Ⓗ CONC CURB & GUTTER, 8 IN X 30 IN, TP 7

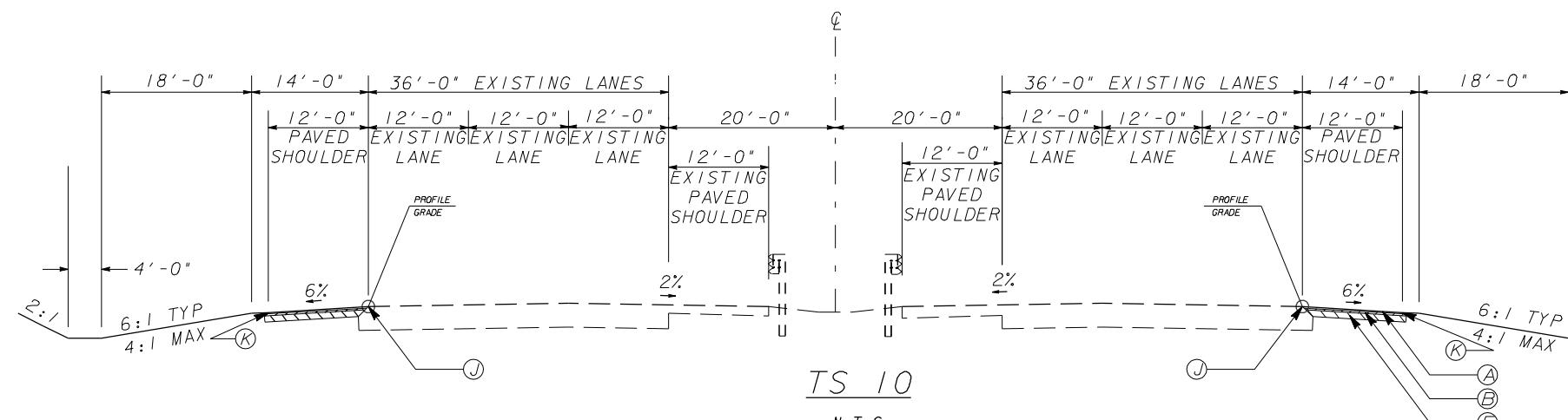
Ⓘ WHERE > 8', GRASS

Ⓛ WHERE < 8', CONCRETE MEDIAN, 6 IN

Ⓜ PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH

Ⓝ PAVEMENT EDGE TREATMENT, CONSTRUCTION DETAIL P-7

Ⓛ ASPHALTIC CONCRETE LEVELING, AS REQUIRED



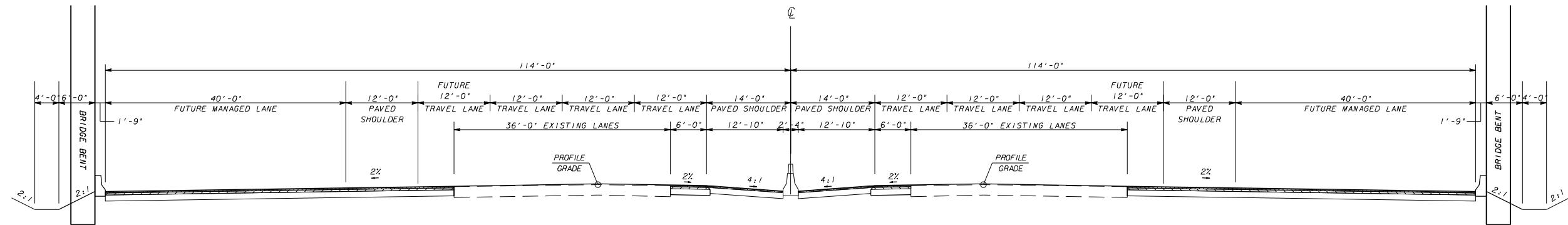
- NOTES:**
- SEE ROADWAY PLANS FOR LOCATION OF GUARDRAIL.
  - SLOPE: SEE ROADWAY PLANS FOR SUPERELEVATION RATES AND TRANSITIONS.
  - FOR METHOD OF SUPERELEVATION, SEE CONSTR PLAN & PROFILE SHEETS - CURVE DATA, LOCATIONS OF NORMAL CROWN & FULL S.E. NOTED ON CONSTR CENTERLINE.
  - SHOULDER MAY BE GRADED AWAY FROM ROADWAY TO FACILITATE THE SLOPE TIE TO EXISTING GROUND.
  - SEE GDOT CONSTRUCTION DETAILS R-2 AND R-3 FOR ENTRANCE AND EXIT RAMPS.
  - SHOULDER PAVING AT RAMPS A & C VARIES FROM 0' TO 27'-6".
  - SHOULDER PAVING AT RAMPS B & D VARIES FROM 0' TO 31'-0".
  - \* SEE PLAN SHEETS.

			NOT RELEASED FOR CONSTRUCTION	NOT TO SCALE	REVISION DATES		STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE: PROGRAM DELIVERY	TYPICAL SECTIONS
GPN			JACOBS™				CR 274/BELLVILLE RD @ I-75	DRAWING NO. 5-006

11/11/2016  
tonia.brown3:29:45 PM | GDOTRoad  
ROAD\_HALF.TBL

p:\cb-506050 \owndes co\700 cadd\740 working files\dgn\007386\0073861y01.dgn

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
<b>GA</b>	CSNHS-0007-00(386)	17	529



N. T. S.  
INTERSTATE SECTION  
FUTURE I-75  
(TO BE CONSTRUCTED BY OTHERS)

GPIN

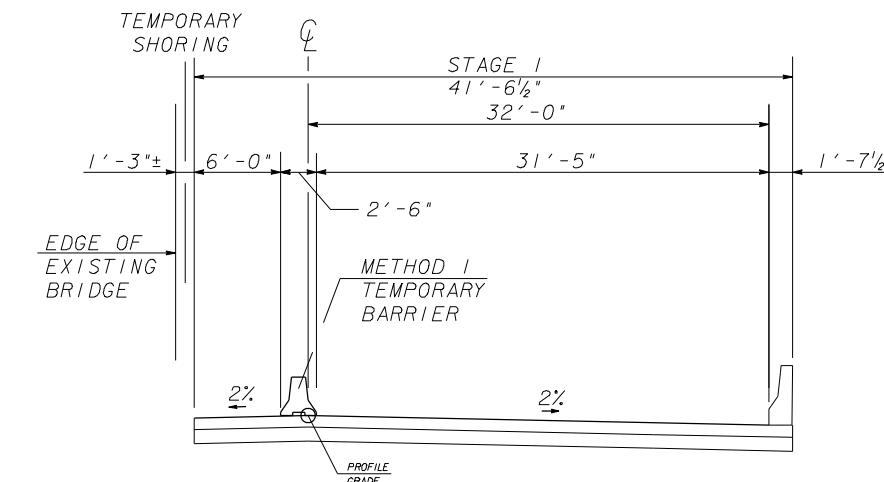
**JACOBS™**

NOT RELEASED  
FOR CONSTRUCTION  
  
NOT TO SCALE

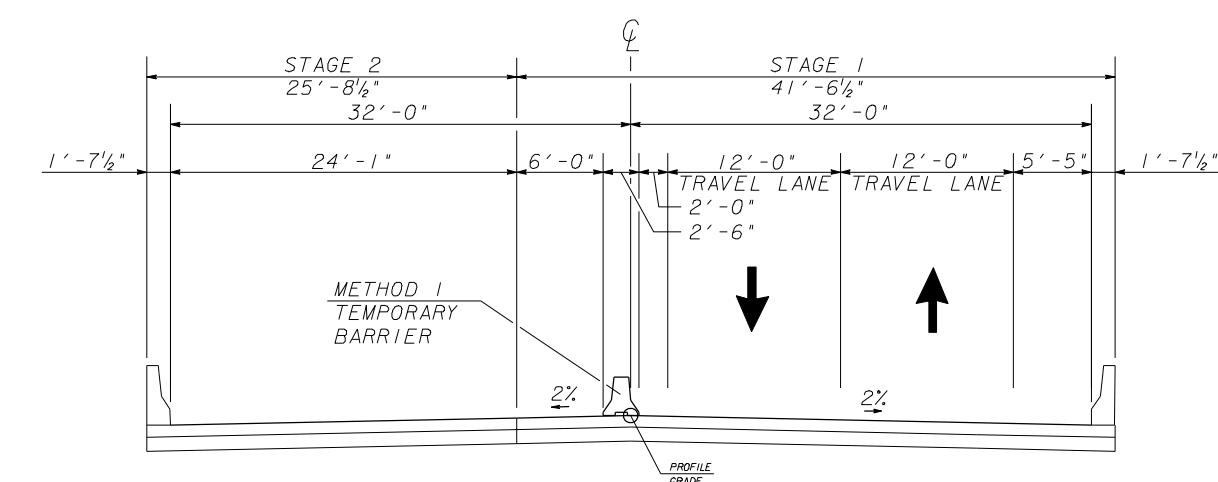
REVISION DATES


STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
OFFICE: PROGRAM DELIVERY  
  
TYPICAL SECTIONS  
  
CR 274/BELLVILLE RD  
@ I-75

DRAWING NO.  
**5-007**

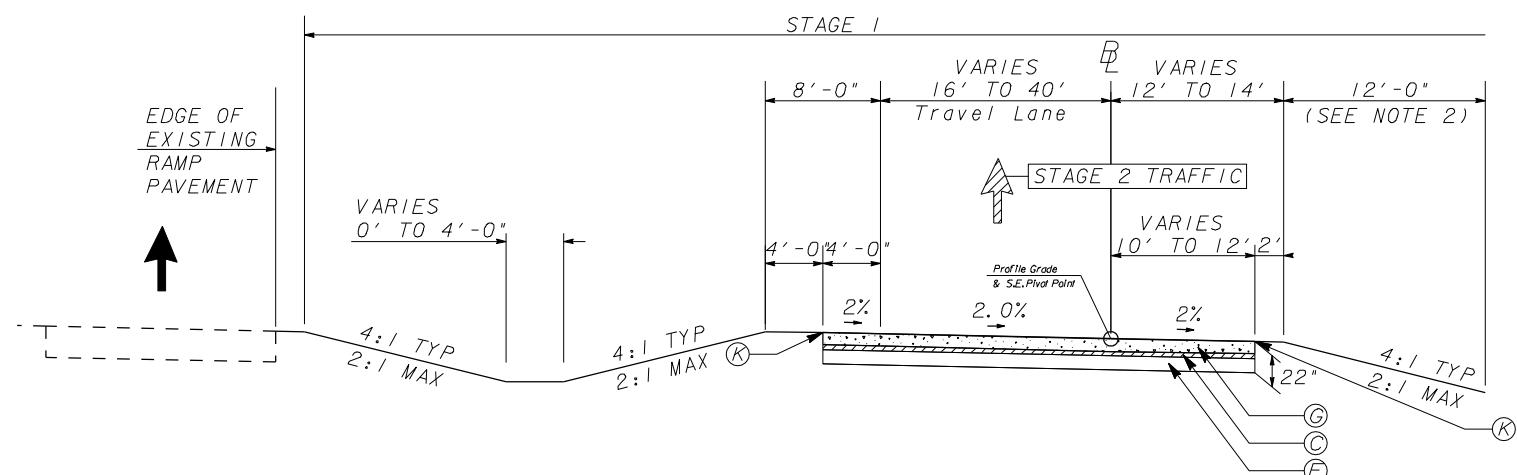
STAGING TS 1

N.T.S.  
BRIDGE SECTION - STAGE 1  
CR 274 / BELLVILLE RD  
STA. 115+94.16 TO STA. 118+64.16

STAGING TS 2

N.T.S.  
BRIDGE SECTION - STAGE 2  
CR 274 / BELLVILLE RD  
STA. 115+94.16 TO STA. 118+64.16

- PAVEMENT DESIGN
- ① RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME 165 LBS/YD<sup>2</sup>
  - ② RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME 220 LBS/YD<sup>2</sup>
  - ③ RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME 330 LBS/YD<sup>2</sup>
  - ④ RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME 440 LBS/YD<sup>2</sup>
  - ⑤ GR AGGR BASE CRS, INCL MATL, 8"
  - ⑥ GR AGGR BASE CRS, INCL MATL, 12"
  - ⑦ CONT REINF CONC PVMT, CL 3 CONC, 11 INCH THK
  - ⑧ CONC CURB & GUTTER, 8 IN X 30 IN, TP 7
  - ⑨ WHERE > 8', GRASS
  - ⑩ WHERE < 8', CONCRETE MEDIAN, 6 IN
  - ⑪ PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH
  - ⑫ PAVEMENT EDGE TREATMENT, CONSTRUCTION DETAIL P-7
  - ⑬ ASPHALTIC CONCRETE LEVELING, AS REQUIRED

STAGING TS 3

N.T.S.  
RAMPS B AND C SECTION - STAGE 1

RAMP B - STA. 1100+00.00 TO STA. 1109+85.00  
RAMP C - STA. 1181+98.47 TO STA. 1200+00.00

SEE TYPICAL SECTIONS 9 AND 10 FOR STAGE 1 CONSTRUCTION OF RAMPS B AND C ALONG I-75 FROM:  
STA. 2009+80.71 TO STA. 2039+30.00 RT  
STA. 2017+31.14 TO STA. 2023+04.00 LT

- NOTES:
1. SEE ROADWAY PLANS FOR LOCATION OF GUARDRAIL.
  2. SLOPE: SEE ROADWAY PLANS FOR SUPERELEVATION RATES AND TRANSITIONS.
  3. FOR METHOD OF SUPERELEVATION, SEE CONSTR PLAN & PROFILE SHEETS - CURVE DATA, LOCATIONS OF NORMAL CROWN & FULL S.E. NOTED ON CONSTR CENTERLINE.
  4. SHOULDER MAY BE GRADED AWAY FROM ROADWAY TO FACILITATE THE SLOPE TIE TO EXISTING GROUND.
- \* SEE PLAN SHEETS.

**JACOBS™**

NOT RELEASED  
FOR CONSTRUCTION  
  
NOT TO SCALE

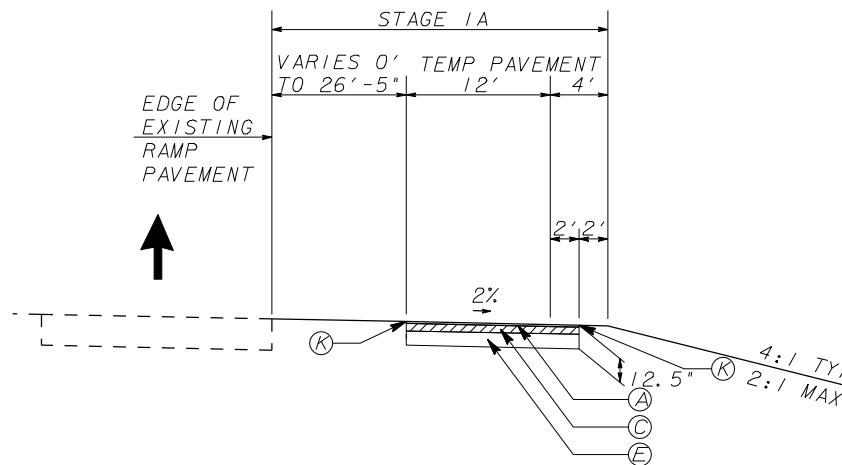
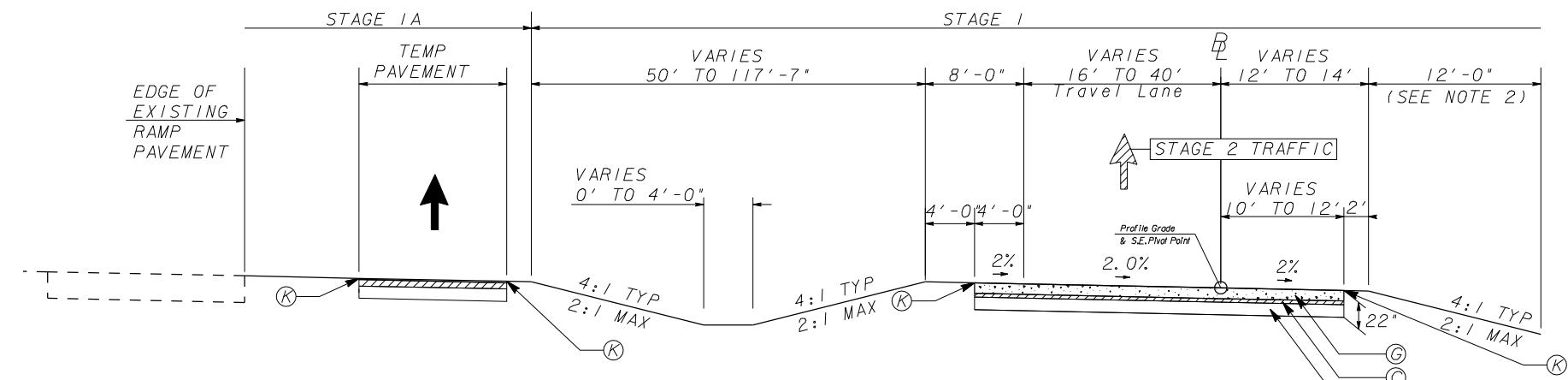
REVISION DATES

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
OFFICE: PROGRAM DELIVERY  
TYPICAL SECTIONS  
CR 274/BELLVILLE RD @ I-75

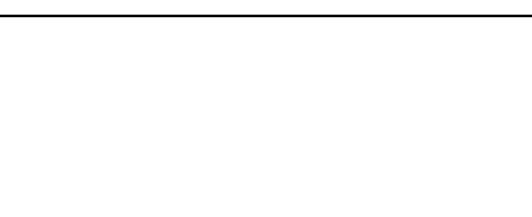
DRAWING NO.  
5-008

11/11/2016  
tonia.brown3:29:45 PM | GDOTRoad  
ROAD\_HALF.TBL

p:\cb-506050 \owndes\cav700\cadd\740\working files\dgn\007386\0073861y01.dgn

STATE | PROJECT NUMBER | SHEET NO. | TOTAL SHEETS  
GA | CSNHS-0007-00(386) | 19 | 529STAGING TS 4N. T. S.  
RAMPS A AND D SECTION - STAGE 1ARAMP A - STA. 993+22.00 TO STA. 1000+00.00  
RAMP D - STA. 1300+00.00 TO STA. 1303+98.00STAGING TS 5N. T. S.  
RAMPS A AND D SECTION - STAGE 1RAMP A - STA. 993+22.00 TO STA. 1000+00.00  
RAMP D - STA. 1300+00.00 TO STA. 1303+98.00

- NOTES:**
- SEE ROADWAY PLANS FOR LOCATION OF GUARDRAIL.
  - SLOPE: SEE ROADWAY PLANS FOR SUPERELEVATION RATES AND TRANSITIONS.
  - FOR METHOD OF SUPERELEVATION, SEE CONSTR PLAN & PROFILE SHEETS - CURVE DATA, LOCATIONS OF NORMAL CROWN & FULL S.E. NOTED ON CONSTR CENTERLINE.
  - SHOULDER MAY BE GRADED AWAY FROM ROADWAY TO FACILITATE THE SLOPE TIE TO EXISTING GROUND.
- \* SEE PLAN SHEETS.



NOT RELEASED  
FOR CONSTRUCTION  
  
NOT TO SCALE

REVISION DATES		

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
OFFICE: PROGRAM DELIVERY  
  
TYPICAL SECTIONS  
  
CR 274/BELLVILLE RD  
@ I-75

DRAWING NO.  
5-009

# **DEPARTMENT OF TRANSPORTATION**

## **STATE OF GEORGIA**

---

### **Categorical Exclusion**

#### **I. General Information**

P.I. No.	0007386	Project No.	CSNHS-0007-00(386)
County	Lowndes		
STIP/TIP No.	G014		
Funded Years	Right-of-Way: 2017; Construction: 2020		
Funding Codes	Q05, Z001		
Project Name	I-75 at County Road 274/Lake Park-Bellville Road - Phase II		
Project Limits	Project begins 0.28 miles west of the CR 274/Bellville Rd bridge over I-75 and extends 0.28 miles east of the bridge.		

#### **II. Need and Purpose (See Attachment 1)**

#### **III. Project Description (See Attachment 1)**

Existing Facility: The proposed project would provide interchange modifications and overpass improvements on I-75 at CR 274/Bellville Road (Exit 2) south of Valdosta and north of the Florida state line. The existing typical section of CR 274/Belleville Road and the bridge consists of a two-lane rural undivided facility with 12-foot lanes and 10-foot paved shoulder. The existing right-of-way (ROW) varies between 79-110 feet along centerline of the roadway.

Proposed Project: The proposed project consists of the replacement of the existing bridge over I-75 and relocation of the ramp termini. The I-75 and CR 274/Bellville Road interchange would continue as a rural diamond interchange. The proposed bridge would be offset 24 feet to the south of the existing location to accommodate staging of construction. The proposed bridge would consist of one, 12-foot through lane and one, 12-foot left-turn lane in each direction with a left-turn lane for left-turn bay storage in each direction and with an 8-foot rural shoulder on both sides. The bridge will be lengthened to accommodate any future widening of I-75 to eight lanes. The proposed bridge would be 270 feet long. Due to an increased span length, the height of the proposed bridge would be two to three feet higher than the existing bridge to compensate for the extra bridge deck depth and retain height requirements. The center of the bridge roughly divides the project limits in half, such that approximately 0.28 mile of the project is west of the bridge and 0.28 mile is east of the bridge. The project would extend these distances on both sides of the bridge along CR 274/Bellville Road due to the minimum spacing distance requirements for limited access roads and the required geometric tie-ins.

The typical section of the bridge and CR 274/Bellville Road is a rural section with a paved outside shoulder. Existing right of way (ROW) along CR 274/Bellville Road varies between 78 and 110 feet. Proposed ROW

along CR 278/Bellville Road varies between 87 and 212 feet. Existing and proposed ROW I-75 is 300 feet outside of ramps. Existing ROW for I-75 including ramps varies between 300 and 867 feet and proposed varies between 300 and 886 feet. The vertical alignment of the proposed bridge will be improved to match the 45 miles per hour (mph) speed of CR 274/Bellville Road. Turn lane storage will be provided at the ramp intersections. Channelized right turn lanes are proposed for traffic turning onto the interstate on-ramps. Additional limit of access will be required along CR 274/Bellville Road to comply with current policy.

The proposed I-75 northbound off-ramp at this interchange would extend an additional 950 feet south of its existing terminus. The proposed northbound I-75 on-ramp would extend an additional 1,850 feet north of the existing terminus. The northbound on- and off-ramps would tie into CR 274/Bellville Road approximately 140 feet east of the existing intersection.

The proposed southbound I-75 off-ramp would extend an additional 1,070 feet north of the existing terminus. The proposed southbound I-75 on-ramp would extend an additional 2,000 feet south along I-75. The proposed I-75 southbound on- and off-ramps would tie into CR 274/Bellville Road approximately 180 feet west of the current location. The proposed northbound off-ramp would measure 0.41 mile, the proposed northbound on-ramp would measure 0.75 mile, the proposed southbound off-ramp would measure 0.45 mile, and the proposed southbound on-ramp would measure 0.76 mile.

#### **IV. Class of Action – Categorical Exclusion (CE)**

<b>A. Actions Requiring Concurrences Prior to CE Approval (See Correspondence, Attachment 2)</b>	<b>Yes</b>	<b>N/A</b>	<b>If Yes, Date of Concurrence</b>
Section 106/Assessment of Effects	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/17/17, 7/11/08
Section 106/Memorandum of Agreement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Draft Individual Section 4(f) Evaluation ( <i>Final submitted with CE</i> )	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>De Minimis</i> Acknowledgment/Requirements	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Protected Species/No Effect	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/13/10
Protected Species/Section 7 Consultation with USFWS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/24/17, 6/16/16 5/22/12, 1/13/10
Protected Species/Section 7 Consultation with NMFS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Essential Fish Habitat Coordination with NMFS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
FWCA/USFWS Coordination for Longitudinal Stream Encroachments, Existing Culvert Extensions (+100 feet), or New Culvert Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/24/17 2/18/09
PM <sub>2.5</sub> Interagency Concurrence	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
USCG Navigable Water Determination	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

#### **B. Public Involvement**

A public hearing open house is not required. Public information open houses were held on August 25, 2016 and July 10, 2007.
---

## V. Effects Evaluation

The effects evaluation form categories are defined as follows:

1. Involvement: A resource is affected by the proposed project (e.g., the project impacts a wetland).
2. No Involvement: A resource is within the Area of Potential Effect, but the project would not affect the resource (e.g., a wetland is located in the project area but is not impacted by the project).
3. None: The resource does not exist within the Area of Potential Effect (e.g., no wetlands are located in the project area).

<b>A. Social Environment</b>	Involvement	No Involvement	None	See Attachment
1. Land Use Changes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1
2. Community Impacts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1
3. Relocation Potential	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 2, 3
4. Churches and Institutions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1
5. Parks/Recreation Areas/Wildlife Refuges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1
6. Title VI/E.O. 12898	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1
7. Public Controversy Potential	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
8. Public Involvement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 4
9. Economic Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
10. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

<b>B. Cultural Environment</b>	Involvement	No Involvement	None	See Attachment
1. Historic Sites	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1, 2
2. Archaeological Sites	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1, 2

<b>C. Natural Environment</b>	Involvement	No Involvement	None	See Attachment
1. Waters of the U.S./State Waters	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 2
2. Water Quality/303(d) List	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1
3. Wild and Scenic Rivers	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. Essential Fish Habitat	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Floodplains	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6. Farmlands	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 2
7. Protected Species	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 2
8. Invasive Species	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 2
9. Migratory Birds	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1, 2
10. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

<b>D. Physical Environment</b>	Involvement	No Involvement	None	See Attachment
1. Noise	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1, 2
2. Air	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1, 2
3. Energy/Mineral Resources	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. Construction/Utilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1
5. UST's	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1, 2
6. Hazardous Waste Sites	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1

E. Permits/Variances/ Commitments Required	Yes	No	See Attachment
1. U.S. Coast Guard Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Forest Service/Corps Land	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. CWA Section 404 Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1
4. Tennessee Valley Authority Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Buffer Variance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1
6. Coastal Zone Management Coordination	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. NPDES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1
8. Cemetery Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9. Other Permits	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
10. Other Commitments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Green Sheet

F. Section 4(f) Applicability	Yes	No	See Attachment
1. De Minimis	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Programmatic	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Individual	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. Section 6(f) Applicability	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Prepared By:

3/13/17

Laura Dawood.

Laura Dawood  
NEPA Planner  
AECOM

Date

Reviewed By:



Elliott Robertson  
NEPA Analyst  
Georgia Department of Transportation

3/20/2017

Date

Concurred By:



Eric Duff  
State Environmental Administrator  
Georgia Department of Transportation

3/20/2017

Date

Approved By:



fr Rodney N. Barry, P.E.  
Division Administrator  
Federal Highway Administration

3/28/17

Date

Attachments appear in the following order:

1. Effects Evaluation
2. Correspondence and Report Coordination
3. Conceptual Stage Study
4. Public Information Open House Materials